



JP10193554A2: NEGATIVE TYPE IMAGE RECORDING MATERIAL

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Country: JP Japan

Kind:

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Applicant(s): FUJI PHOTO FILM CO LTD
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Application Number: JP1997000005841

IPC Class: B41C 1/055; B41N 1/12; G03F 7/00;

Abstract: Problem to be solved: To provide a negative type image recording material having excellent film strength of a recorded image and satisfactory plate wear resistance at the time of printing with small contamination at the time of printing due to small residual coating film of a non-image part after image recording by directly engraving from digital data.

Solution: The negative type image recording material comprises (A) a polymer having a unit represented by a formula, (B) compound crosslinked by an acid, and (C) compound decomposed by light or heat to generate acid such as sulfonic acid where X1 indicates a bond group exhibiting by itself alkali solubility or having an alkali soluble group, Ar1 shows 20-OC aromatic hydrocarbon group which may have a substituent, Y1 indicates N-R, oxygen atom or sulfur atom, n indicates integer of 1 to 4, L1 indicates 20-OC hydrocarbon group which may have a single bond, ester bond, amide carboxylate bond, amide sulfonate bond, ether bond, thioether bond or these bonds, L2 shows single bond or 20-OC methyl group, R1 indicates hydrogen atom or methyl group, R2 indicates 20-OC hydrocarbon group which may have substituent, and R3 shows hydrogen atom or 20-OC hydrocarbon group which may have substituent.
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Other Abstract Info: none

Foreign References: (No patents reference this one)

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Alternative

